

10 30 50
 CTGCGACAGAGGCACAGAGTTATCAGCTCTCTGCAACAAAACACATGGAAAGAAA
 70 90 110
 CATGGAGGAAGGAATTAAAAGGAAATTACCACTCTGTGCAAAAGGCTTGTAT
 130 150 170
 ATTCTATGTTGCCAAATCTACTGTGAGATTATGAAGAAAAACAAATTGGCGACAACTC
 190 210 230
 TCTATGTAACACTAACAACTGGCTCTGTGTTTAAATTCTAGTTGACCCCTTAGGCCAG
 250 270 290
 ATAATGGAACACATGGACTCTGTGTTTAAATTCTAGTTGACCCCTTAGGCCAG
 310 330 350
 GAGGCTGGATTTTACTTCCAACITGCTGTATACTGTGTTAATAAATTGTGATCATCCACCC
 370 390 410
 TTTAAAAGGACTTGTGAAATTAACTTGAACACTTGGACAAAGAGAAAATTGAAAGAATT
 430 450 470
 TCAGTAAAGGCAATTCTGAGTTCACAAACACTACAAAGAGACAGACTCTCTGTGTTA
 490 510 530
 CTTTCTAACAGAACTAATATAATTGCTACCTTAAAGGAAAAATTGACGACATGTATT
 M N S T C I
 550 570 590
 GAAGAACACCATGACCTGGATCACTATTGTTTCCATGTTTACATCTTGTTGTGATTATA
 E E Q H D L D H Y L F P I V Y I F V I I
 610 630 650
 GTCAAGCATTCGGCCAAATATTGGATCTCTGTTGCTCTTCTGCACACCAAGGAA
 V S I P A N I G S L C V S L F L Q P K K E
 670 690 710
 AGTGAACATGGAAATTACCTCTCTGTTGCTACATACAGATTACTATGCTTGTAACT
 S E L G I Y L F S L S L S D L L Y A L T -
 730 750 770
 CTCCCTTTATGGATTGATACTTGGAAATAAGGAAACACTGGACTTCTCTCCGTGCTTG
 L P L W I D Y T W N K D N W T F S P A L -
 790 810 830
 TGCAAAGGAGGAGCTTTCTCATGTCATACATGAAGTTTACAGCAGCACAGCATTCCTCACC
 C K G S A F L M Y M K F Y S S T A F L T
 850 870 890
 TGCAATTGGCGTTGATCGGTTATTGGCTGTGTGCTACCCCTTGAAAGTTTTTCTCAAGG
 C I A V D R Y L F L R
 910 930 950
 ACAGAAGAAATTGCACTCATGGTCACCTGGTCATCTGGATATTGGAAACCATCTTCAT
 T R R I A L M V S S L S I W I L E T I F N
 970 990 1010
 GCTGTCATGGTGGGAAGATGAAACAGTTGGTGTGAAATTGGCATGGCGAAAAGTCTAAT
 A V M L W E D E T V V E Y C D A E K S N
 1030 1050 1070
 TTACTTTATGCTATGACAAATACCCCTTGGAGAAATGGCAACCTCAACTGGTC
 F T L C Y D K Y P F L E K W Q I N A N L F
 1090 1110 1130
 AGGACGTCATCACGGCTATGCAATACCTTGGTCACCATCTGTATGCTAACCGGAAAGTC
 R T C T G Y A I P F L V T I L I C N R K V
 1150 1170 1190
 TACCAAGCTGTGGCGCAAAATAAAGGACACGGAAAACAGGAAAAGGAAAGAATCATAAAA
 Y Q A C V T R H N K A T E N K E K K R I I K
 1210 1230 1250
 CTACTTGTGAGCATCACAGCTTACTTTCTATGCTTACTCCCTTCTGATGAGTTG
 L L V S I T V T F F V L C F T P F H V M L
 1270 1290 1310
 CTGAGCTGCTACCTTGTGAGCATCTGTGAAACTCTGCAAGGACACAGCAATTCTGGAAAG
 L - I R C I L E H A V N F E D H S N S G K
 1330 1350 1370
 CGAACCTTACACATGTATGAAATCACGGTTGCTTAAACAGTTAAATTGTGTTGTGAT
 R T Y T M Y R I T V A L T S L N C V A D
 1390 1410 1430
 CCAATTCTGTACTGTGTTGGTACCGGAAACAGGAGAATGATGATGTGGAAATATTTA
 P I L Y C V E T U T G R Y D M W N L I L K

1450 1470 1490
TTC T G C A C T T G G G A G G T G T A A T A C A T C A C A A A G A C A A A G A C A A A C G C A T A C T T T C T G T G T C T
P C T G R C N T S Q R Q R K R I L S V S
1510 1530 1550
A C A A A G A T A C T A T G G A A T T A G A G G T C C T T G A G T G A A A C C A A G G A T G T T T G A A G G G A A G
T K D T M E L E V L E *
1570 1590 1610
G G A A G T T T A A G T T A T G C A T T A T T A T C A G A G T T A C A G A G T T A C A T T T G A A A A G G A A A T C T A G C
1630 1650 1670
A T G T G A G G G G A C T A A G T G T C T C A G A G T G A T G T T T A A T C C A G T C C A A T A A A A A T A T C T T
1690 1710 1730
A A A C T G C A T T G T A C A G C T C C T C C C T G C G T T T A T T A A A T G A T G T A T A T T A A C A A A G A
1750
T C A A T A T T T C T T

FIGURE 1

2 of 3

2/2

385800-450

Homology Comparison
HTNAD29.Pro x Hu. PAF receptor

Percent Similarity: 53.438 Percent Identity: 29.375

4 TCIEEQHQDLDHYLFFPIVYIFVIIVSIPAN .IGSLCVSFLOPKKESELGI 51
5 DSSHMDSEFRYTLFFPIVYSIIFVLGVIANGYVLWVFARLYPCCKFNEIKI 54
52 YLFSLSSLSDLLYALTLPFLWIDYTWNKDNWTFSPALCKGSASFIMYMKFYSS 101
55 FMVNLTMAADMFLITLPLWIVYYQNGGNWILPKFLCNVAGCLFFFINTYCS 104
102 TAFLTICIAVDRYLAVVYPLKFFFFLRLRRRIALMVSLSIWILETIFNAVMW 151
105 VAFLGVITYNRFQAVTRPIKTAQANTRKRKGISLSLVIVVAIVGAASYFLI 154
152 EDETVVEYCDAEKSNTFLCYDKYPLEKWQINLNLFRTCTGYAIPLVТИI 201
155 LDSTNTVPDSAGSGNVTRCFEHEYKGSVPVLLIIHIFIIVFSFFLVFLIIIF 204
202 CNRKVY . . . QAVRHNKATENKEKKRRIKLLLVSITVTFVLCFTPFHVML 246
205 CNLVIIRTLLMQPVQQQRNAEVTG . RAJWMVCTVLAVFIICFVPHVVQ 252
247 LIRCILEHAVNFDHSNSGRRTYTMYRIVTVALTSLNCVADPILYCFVTET 296
253 LPWTAAE . LGFQD . SKFHQAINDAHQVTLCLLSTNCVLDPIYCFLTKK 299
297 GRYDMWNILKFCTGRCNNTSQRQRKRILSVSTRDTMELEVLE 337
300 FRKHL .. TEKFYSMRSS RKCSRATTDTVTEVVVP 331

30f3 FIGURE 2 1/1 325800-450